

**PLANT SCIENCES MAJOR****EFFECTIVE FALL 2005****Landscape Design and Construction Concentration**

Landscape designers create aesthetic concepts and practical designs for improved outdoor living. Students study fundamental and advanced landscape design, landscape design graphics, computer aided landscape design, surveying, art, socio-economic impact of plants, field botany, professional practices, contracting, basic woody plant identification, landscape construction and maintenance methods. The development of comprehensive design projects helps students prepare for careers in landscape design or advanced studies in landscape architecture. Graduates in design and construction are prepared for employment in several professions in ornamental horticulture. Careful selection of departmental courses and other electives in consultation with the assigned academic advisor will allow graduates to pursue suitable career paths.

**Requirements for the Bachelor of Science in Plant Sciences • Plant Sciences Major • Landscape Design and Construction Concentration**

	<b>Hours Credit</b>
<b>Freshman</b>	
Biology 111*, 112* .....	8
Chemistry 100* or 120* .....	4
Computer Science 100* or 102* .....	3
English 101*, 102* .....	6
Mathematics 110*, 123* or 151* .....	3
Plant Sciences 110 .....	2
<sup>1</sup> Social Sciences Elective* .....	3
<b>Sophomore</b>	
<sup>1</sup> Arts and Humanities Elective* .....	3
Communication Studies 210* or 240* .....	3
Economics 201* .....	4
Environmental and Soil Sciences 210 .....	4
Plant Sciences 210, 220, 280 .....	8
Technical Electives .....	6
Unrestricted Elective .....	3
<b>Junior</b>	
<sup>1</sup> Cultures and Civilizations Elective* .....	3
Plant Sciences 350, 380 .....	6
Plant Sciences 226, 230, 240, 330, 360, or 370 .....	5-6
Plant Sciences 290 or 291 .....	3
Technical Electives .....	6
Unrestricted Electives .....	6-7
<b>Junior Year Summer</b>	
Plant Sciences 492 .....	3
<b>Senior</b>	
Agricultural Economics 310 .....	1
<sup>1</sup> Arts and Humanities Elective* .....	3
<sup>1</sup> Cultures and Civilizations Elective* .....	3
Plant Sciences 421, 460, 480, 485 .....	11
Plant Sciences 410, 427, 429, 430, 434, 441, 446, 450, or 493 .....	5-6
Technical Electives .....	7-8
<b>Total 124</b>	

\*Meets University General Education Requirement.

<sup>1</sup> Choose from the University General Education lists. Selection should be made in conference with academic advisor. One of the Arts and Humanities (AH) or Cultures and Civilizations (CC) Electives must be a writing-intensive (WC) course.

**ADDITIONAL ELECTIVES LIST FOR PLANT SCIENCES MAJOR****LANDSCAPE DESIGN AND CONSTRUCTION CONCENTRATION**

## Technical Electives

Architecture 111, 180, 211, 232, 421; Art 101, 103, 191, 295; Art Drawing 211, 212; Art Media Arts 231, 331; Art Painting 213, 214, 215, 216; Biology 250; Biosystems Engineering Technology 202, 212; Biochemistry & Molecular Biology 306, Ecology & Evolutionary Biology 304, 330, 433; Entomology and Plant Pathology 201, 306, 313, 321, 410; Environmental and Soil Science 324, 334; Forestry 321; Forestry Wildlife and Fisheries 211, 250, 311; Geography 365, 366; Geology 201, 202, 203; Philosophy 342, 344, 346; Planning 401, 402, 446; Spanish 211, 212; Speech Communication 230, 310